## INTERNATIONAL SEARCH REPORT

International application No.

PCT/US04/39401

US CL 25/385,383,381 According to Intermetical Particul Classification system followed by classification and IPC  FELOS SEARCHED Minimum documentation searched (classification system followed by classification symbols) U.S.: Please See Continuation Sheet  Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched  Documentation searched other than minimum documentation is easier to the extent that such documents are included in the fields searched  Documentation searched other than minimum documentation of the extent that such documents are included in the fields search terms used)  Documentation searched other than minimum documentation of Box C.  DOCUMENTS CONSIDERED TO BE RELEVANY  Category * Citation of document, with indication, where appropriate, of the relevant passages  Puls 6,112,302 (Productick et al.) 05 September 2000 (5.9.2000), column 2, lines 25+  1-2 and 4  Y US 2003/0219969 (Baser et al.) 20 November 2003 (20.11.2003), paragraphs 38+  2 decument of children to general state of the art widel is set continuation of Box C.  See patent family annex.  See patent family annex.  The decument of columns to the continuation of Box C.  See patent family annex.  The decument of columns to the continuation of Box C.  See patent family annex.  The decument of columns to the continuation of Box C.  See patent family annex.  The decument of columns to the continuation of Box C.  See patent family annex.  The decument of columns to the continuation of Box C.  See patent family annex.  The decument of columns to the continuation of Box C.  See patent family annex.  The decument of patients of the search the continuation of Box C.  See patent family annex.  The decument of the columns to the continuation of Box C.  See patent family annex.  The decument of patients of the search the columns to the continuation of the columns to the columns to the columns to the december of the columns to	A. CLASSIFICATION OF SUBJECT MATTER  IPC(7) : G06F 17/60						
FELIOS SEARCHED	175 (2) 235/284 383 381						
Minimum documentation searched (classification system followed by classification symbols)  U.S.: Please Rec Continuation Sheet  Decumentation searched other than minimum documentation to the extent that such documents are included in the fields searched  Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  C. DOCUMENTS CONSIDERED TO BE RELEVANT  Category * Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No.  Y US 0,112,502 (Frederick et al) 05 September 2000 (5.9.2000), column 2, lines 25+ 1.2 and 4  Y US 2003/0216969 (Bauer et al) 20 November 2003 (20.11.2005), paragraphs 10+ 12 and 4  Y US 2002/0084904 (De La Huerga) 04 July 2002 (4.7.2002), paragraphs 38+ 3 and 5  **Comment of claims dis general size of the service which is not considered to be an exploration of the comment with may throw south as a priority chained and the control of the comment of predictive relevancy the claims of boundaries of paragraphs of the comment is about used to sunderinate deposition of the philosophic or the method with lines of excepted relevancy to a comment referring to an ord distribution, use, substitute of a document published on or after the international fling date but later than the patiently date claims.  **Comment of predictive relevancy the claims of boundaries and predictive relevancy to the comment is below used.  **Comment of predictive relevancy the distribution around be greated in the actual comment of predictive relevancy to the following the comment predictive relevancy to the comment of predictive relevancy to the following the comment of the comment is about used.  **Comment of predictive relevancy to the comment of the comment of the comment of predictive relevancy to the comment of the co			ional class	illustion and IPC			
U.S.: Please See Continuation Sheet  Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched  Electronic data base against the fields searched state of the international search (name of data base and, where practicable, search terms used)  C. DOCUMENTS CONSIDERED TO BE RELEVANT  Category* Citation of focuments, with indication, where appropriate, of the relevant passages Relevant to claim No.  Y US 6,112,002 (Proderick et al.) DS September 2000 (5.9,2000), column 2, lines 25+ 1-2 and 4  Y US 2003/0216969 (Batter et al.) 20 November 2003 (20.11.2003), puragraphs 10+ 1-2 and 4  Y US 2002/0084904 (De La Huerga) 64 July 2002 (4.7,2002), paragraphs 38+ 3 and 5  **Comment defining to grant state of the a widely to see additing to be of perioder melances.**  **September of the state of the art widely to see additing to be of perioder melances.**  **September of the state of the art widely to see after the perioder of the state of							
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  C. DOCUMENTS CONSIDERED TO BE RELEVANT  Category*  Citation of document, with indication, where appropriate, of the relevant passages  Relevant to claim Nn.  Y US 6,112,502 (Frederick et al.) 05 September 2000 (5.9.2000), column 2, lines 25+  1-2 and 4  Y US 2003/0216969 (Baster et al.) 20 November 2003 (2.0.11.2003), paragraphs 10+  1-2 and 4  Y US 2002/0084904 (Do La Huerga) 04 July 2002 (4.7.2002), paragraphs 38+  3 and 5  **To describe relevance  **A document of datage the general state of the art wided is not considered to be or periodic relevance  **To document wided may those feature or painty within the cited to undestined the publication date of mather statement in them to a painty within the cited to undestined the publication date of mather statement in them to appear to the international filing date appeared by the columns a painty of the features are within the document influence or where pasted water (as appeared by the columns or appeared to involve an investigate mannel to condition the publication date of mather statement or where pasted water (as appeared by the columns or appeared to investigate mannel to condition the publication date of mather statement or where pasted water (as appeared by the columns of pasted by the columns of the international search report to pasted the control of the columns of the international search report to pasted of the columns of the international search report to pasted of the columns of the international search report to pasted of the columns of the international search report to pasted of the columns of the international search report to pasted the columns of the international search report to pasted the columns of the international searc	Minimum documentation searched (classification system followed by classification symbols)  U.S.: Please See Continuation Sheet						
C. DOCUMENTS CONSIDERED TO BE RELEVANT  Category* Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No.  Y US 6,112,502 (Frederick et al) 0.5 September 2000 (5.9.2000), column 2, lines 2.5+  1-2 and 4  Y US 2003/0216969 (Bauer et al) 20 November 2003 (20.11.2003), paragraphs 10+  1-2 and 4  Y US 2002/0084504 (De La Huerga) 0.4 July 2002 (4.7.2002), paragraphs 38+  3 and 5  Further documents are listed in the continuation of Box C.  See patent family annex.  **A Special cregates of cited documents:  "A" document defining the general state of the ser width is not conclidered to be of particular relevance.  "A" document which may these smaller which is cited to enclated the publishesis on the or family of the publishes do nor after the hammelicual filing dons on the continuation date of marker which me above rising to a which it cited to enclated the publishesis on the or family on the hierarchies the publishes do not one of discinstrum, u.e., subdition or where means to examine a flyericalizer relevance, the defined flowetteen accordance to leavable an invention accordance to the condition of the internal filing date but later than the principly of the publishes of the publishes of the publishes of the service of the content of	Documentation searched other than minimum documentation to the extent that such documents are included in the fields scarched						
Category * Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No.  Y US 6,112,502 (Frederick et al) 05 September 2000 (5.9,2000), column 2, lines 25+  Y US 2003/0216969 (Bauer et al) 20 November 2003 (20.11.2003), paragraphs 10+  1-2 and 4  Y US 2002/0084904 (De La Huerga) 04 July 2002 (4.7,2002), paragraphs 38+  3 and 5  * Special energities of cited documents:  "A" document defining the general size of the set within is not considered to be of particular relevance.  "S" cacilier application or patent jublished one or after the international filing date but later than the principle of the relevance application and should be published on the of models in the state of the set within the published one of models into the state of the set within the published one of models are interested to ended the document of particular sets of accounted the foliage of the semantial set of the semantial set of the semantial set of particular relevance, and accounted to a particular of the semantial set of the semantial set of the semantial set of the semantial set of particular relevance, and accounted to a particular district than the principle of the semantial set of the semantial set of the semantial set of particular relevances, and accounted to a particular district than the principle of the semantial set of particular relevances, and accounted to a particular district than the principle of the semantial set of particular relevances, and accounted to a particular relevances, and accounted to a particular relevance and the semantial set of the	Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)						
Y US 6,112,502 (Frederick et al) 03 September 2000 (5.9.2000), column 2, lines 25+  Y US 2003/0216969 (Bauer et al) 20 November 2003 (20.11.2003), paragraphs 10+  1-2 and 4  Y US 2002/0084904 (De La Huerga) 04 July 2002 (4.7.2002), paragraphs 38+  3 and 5  Further documents are listed in the continuation of Box C.  * Special exergities of cited documents:  "A" document defining the general sitis of the art which is not considered to be of post-lister enhanced and sitis of the art which is not considered to be of post-lister enhanced and sitis of the art which is not considered one of enhanced to involve an investion enough to considered dove of context by post-lister delivers to the beament of the cited to endeathed a by politication of one of mother special resistant (a) application of the cited to endeathed a by politication of one of mother special resistant (a) application of the international filing date but later then the patiently date distinct on the international filing date but later then the patiently date defined to involve an investion enough to considered dover or context be considered dover or context by furnished a lowest length as investion a continuation of the formation is stated to be considered dover or context be considered dover or context by furnished a lowest length or the context list and the document is defined investion enough to be post-listed to be considered dover or context be considered to be one of the document in the context list and the document is defined to be a document or part to be related to be understored t	C. DOCT	JMENTS CONSIDERED TO BE RELEVANT					
Y US 2003/0216969 (Bauer et al.) 20 November 2003 (20.11.2003), paragraphs 10+  1-2 and 4  Y US 2002/0084904 (De La Huerga) 04 July 2002 (4.7.2002), paragraphs 38+  3 and 5  Further documents are listed in the continuation of Box C.  See patent family apprex.  See patent family apprex.  See patent family apprex.  To document affairing the general state of the set width is not considered to be of particular relations or passas published on or after the international fling does carried application or passas published on or after the international fling does used for the published and of another station or enter special reason (as application or passas published on or after the international fling does not applicate the published about fair in each of secure at state of the service patent family application of the international fling does but later than the guestion of passas and the document of passage there are not to considered to broadward international passage that the document of passage there are not to considered to broadward in the combined to the passage that the document of passage there are not to considered to broadward in the combined to the passage that the document of passage there are not to considered to broadward in the combined to the passage that the document of passage there are not to considered to broadward in the combined to the passage that the document of passage that the document of passage there are not to considered to broadward to consider the considered to broadward to considered	Category *						
Further documents are listed in the continuation of Box C.   See patent family annex.							
Further documents are listed in the continuation of Box C.  * Special creceptes of cited documents:  "A" document defining the general size of the art which is not considered to be of periodic molecular patients of the art which is not considered to be of periodic molecular molecular patients of the patient patients of mother situation or other means  "C" document which may throw doubts an priority chain(s) or which is cited to endulated the publication date of mother situation or where repeats readen (as a priority defining) or which is cited to endulated the publication date of mother situation or where repeats readen (as a priority defining) or which is cited to endulated the publication of mother situation or where repeats readen (as a priority of the section of mother situation or where means  "O" document published give to the international filing date but later than the priority detectable of mother situation of the international search  "A" document published after the international filing date to understood the condition of the scheme of mother situation of the condition of the international search of the scheme of mother situation of the international search of the scheme of the scheme should be and out to our condition with the connection and to understoon the condition of the scheme of mother situation of the scheme of mother situation of the scheme of the s	Y	US 2003/0216969 (Bauer et al) 20 November 2003 (20.11.2003), paragraphs 10+			1-2 and 4		
**Special crite grates of cited documents:  "A" document defining the general state of the set widelt is not considered to be of particular relevance  "B" earlier application or patent published on or after the international filing date  "L" document which may throw doubts on priority claim(s) or which is cited to orientable the publication date of mother kitolion or other operations (as specified)  "C" document referring to en oral disclosure, u.e., exhibition or other means  "P" document published grier to the international filing date but later than the priority date claimed  Date of the actual completion of the international search  26 May 2005 (26.05.2005)  Name and mailing address of the ISA/US  Commissioner for Patente  P.O. Box 1450  Alexandra, Virginia 22313-1450  Facsimile No. (703) 305-3230	Y	US 2002/0084904 (De La Huerga) 04 July 2002 (4.7.2002), paragraphs 38+			3 and 5		
**Special crite grates of cited documents:  "A" document defining the general state of the set widelt is not considered to be of particular relevance  "B" earlier application or patent published on or after the international filing date  "L" document which may throw doubts on priority claim(s) or which is cited to orientable the publication date of mother kitolion or other operations (as specified)  "C" document referring to en oral disclosure, u.e., exhibition or other means  "P" document published grier to the international filing date but later than the priority date claimed  Date of the actual completion of the international search  26 May 2005 (26.05.2005)  Name and mailing address of the ISA/US  Commissioner for Patente  P.O. Box 1450  Alexandra, Virginia 22313-1450  Facsimile No. (703) 305-3230							
"A" document defining the general sists of the set width is not considered to be of particular relevance.  E estiler application or patent published on or after the intermedicinal fling date of estiler application or patent published on or after the intermedicinal fling date of estiler application or patent published on or after the intermedicinal fling date of estilet to publication date of snother kitolion or other epocial reason (as specified)  "O" document referring to an oral disclassure, u.e., subblides or other means  "O" document published prior to the intermedical filing date but later than the priority date claimed address of the ISA/US  Date of the actual completion of the international search  26 May 2005 (26.05.2005)  Name and mailing address of the ISA/US  Mail Stop PCT, After ISA/US  Commissioner for Patents  P.O. Box 1450  Alexandria, Virginia 22313-1450  Facsimile No. (703) 305-3230	Further	r documents are listed in the continuation of Box C.	<u> </u>	See patent family autex.			
Certier application or patent published on or after the international filing data  "I" document which may throw doubts on priority chain(s) or which is cited to establish the publication date of smother ritulian or other epocial reason (as specified)  "O" document referring to an oral disclosure, u.e., exhibition or other menus  "P" document published prior to the international filing date but later than the priority date claimed  Date of the actual complution of the international search  26 May 2005 (26.05.2005)  Name and mailing address of the ISA/US  Mail Stop PCT, Atta: ISA/US  Commissioner for Patents  P.O. Box 1450  Alexandria, Virginia 22313-1450  Facsimile No. (703) 305-3230	"A" document defining the general state of the art which is not considered to be of		"T"	end not in conflict with the application but wheel to understand the			
document of particular date of mother situlian or other epocial reason (as specified)  "O" document referring to an oral disclasure, u.e., exhibition or other menus  "P" description of the international filing date but later than the priority date claimed  Date of the actual completion of the international search  26 May 2005 (26.05.2005)  Name and mailing address of the ISA/US  Mail Stop PCT, Atta: ISA/US  Commissioner for Patents  P.O. Box 1450  Alexandria, Virginia 22313-1450  Facsimile No. (703) 305-3230			״ג״	considered novel or cannot be considere			
O' decument referring to an oral disclasure, use, exhibition or other means  p' decument published prior to the International filing date but later than the priority date claimed  Date of the actual completion of the international search  26 May 2005 (26.05.2005)  Name and mailing address of the ISA/US  Mail Stop PCT, Atta: ISA/US  Commissioner for Patents  P.O. Box 1450  Alexandria, Virginia 22313-1450  Facsimile No. (703) 305-3230	estabilish the publication date of another station or ether epocial reason (40		considered to involve an inventive step when the document is combined				
Date of the actual completion of the international search  26 May 2005 (26.05.2005)  Name and mailing address of the ISA/US  Mail Stop PCT, Atta: ISA/US  Commissioner for Patents P.O. Box 1450  Alexandria, Virginia 22313-1450  Facsimile No. (703) 305-3230  Date of mailing of the international search report  0 5 JUL 2005  Authorized officer  Kimberly D. Ngnyen  Telephone No. 571-272-2402	"O" document	relating to an oral distingue, u.e., exhibition or other means					
26 May 2005 (26.05.2005)  Name and mailing address of the ISA/US  Mail Stop PCT, Attn: ISA/US  Commissioner for Patents  P.O. Box 1450  Alexandria, Virginia 22313-1450  Facsimile No. (703) 305-3230  O 5 JUL 2005  Authorized officer  Kimberly D. Nguyen  Telephone No. 571-272-2402							
Name and mailing address of the ISA/US  Mail Stop PCT, Athr. ISA/US  Commissioner for Patents  P.O. Box 1450  Alaxandria, Virginia 22313-1450  Facsimile No. (703) 305-3230  Authorized officer  Kimberly D. Nguyen  Telephone No. 571-272-2402			Date of 1	Date of mailing of the international search report  0.5 JUL 2005			
Mail Stop PCT, Attn: ISA/US Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 Facsimile No. (703) 305-3230  Kimberly D. Ngnyen Telephone No. 571-272-2402	20 (42) 2005 (20:05:200)				····		
F.O. Box 1450 Alexandria, Virginia 22313-1450  Facsimile No. (703) 305-3230  Telephone No. 571-272-2402			Kimberly D. Nenven				
Alexandria, Virginia 22313-1450 Telephone No. 571-272-2402 Facsimile No. (703) 305-3230	P.O. Box 1450		,				
	Alexandria, Virginia 22313-1450 Telephone No. 571-27			ne No. 571-272-2402			
Form PCT/ISA/210 (second sheat) (January 2004)							

	International application No.		
INTERNATIONAL SEARCH REPORT	PCT/US04/39401		
	<u> </u>		
	•		
·			
·			
Continuation of B. FIELDS SEARCHED Item 1:			
235/385,383,381			
414/786,787			

Form PCT/ISA/210 (extra sheet) (January 2004)